## **Recovery Plan Action Status**

Plan Name: Tombigbee Mussels (5 spp.)

Plan Status: Final Plan Date: 14-Nov-89 Lead Agency: USFWS

Lead Office; Mississippi Ecological Services Field Office 965-4900)

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Flat pigtoe (Pleurobema marshalli), Southern combshell (Epioblasma penita), Black clubshell (Pleurobema curtum), Stirrupshell (Quadrula stapes), Heavy pigtoe (Pleurobema taitianum)	1	1	Use existing statutes to protect known habitat	Ongoing Current	Prior to FY 1995		U.S. Fish and Wildlife Service, Law Enforcement Division, Alabama Department of Conservation and Natural Resources, U.S. Fish and Wildlife enhancement, USFWS Regional Office 4, Mississippi Department of Wildlife Conservation	Management: General, Management: Habitat Maintenance and Manipulation, Management: Land Use, Management: Planning, Other: Administration, Other: Information and Education, Other: Regulations, Research: Environmental Contaminants	Internal Administrative, Internal Field Assistance, Internal Technical Assistance, Species Expert	
Flat pigtoe (Pleurobema marshalli), Southern combshell (Epioblasma penita), Black clubshell (Pleurobema curtum), Stirrupshell (Quadrula stapes), Heavy pigtoe (Pleurobema taitianum)	1	2	Status survey to determine current range	Ongoing Current	Prior to FY 1995		U.S. Army Corps of Engineers, Alabama Department of Conservation and Natural Resources, U.S. Fish and Wildlife enhancement, USFWS Regional Office 4, Mississippi Department of Wildlife Conservation	Work type not yet selected	Labor type not yet selected	State Grant project
Flat pigtoe (Pleurobema marshalli), Southern combshell (Epioblasma penita), Black clubshell (Pleurobema curtum), Stirrupshell (Quadrula stapes), Heavy pigtoe (Pleurobema taitianum)	1	3	Determine habitat requirements	Ongoing Current	Prior to FY 1995		U.S. Army Corps of Engineers, Alabama Department of Conservation and Natural Resources, USFWS Research, U.S. Fish and Wildlife enhancement, USFWS Regional Office 4, Mississippi Department of Wildlife Conservation	Research: Demographic Studies, Research: Environmental Contaminants, Research: Habitat Requirements, Research: Habitat Status, Research: Population Surveys	Contract, Graduate Student, Internal Field Assistance, Internal Technical Assistance, Species Expert, Volunteer	

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Flat pigtoe (Pleurobema marshalli), Southern combshell (Epioblasma penita), Black clubshell (Pleurobema curtum), Stirrupshell (Quadrula stapes), Heavy pigtoe (Pleurobema taitianum)	1	5	Determine Ecological requirements	Ongoing Current	Prior to FY 1995		U.S. Army Corps of Engineers, Alabama Department of Conservation and Natural Resources, USFWS Research, U.S. Fish and Wildlife enhancement, USFWS Regional Office 4, Mississippi Department of Wildlife Conservation	Research: Demographic Studies, Research: Habitat Requirements, Research: Habitat Status, Research: Population Surveys	Contract, Graduate Student, Internal Field Assistance, Internal Technical Assistance, Species Expert, Volunteer	
Flat pigtoe (Pleurobema marshalli), Southern combshell (Epioblasma penita), Black clubshell (Pleurobema curtum), Stirrupshell (Quadrula stapes), Heavy pigtoe (Pleurobema taitianum)	1	6	Monitor populations	Ongoing Current	Prior to FY 1995		Alabama Department of Conservation and Natural Resources, U.S. Fish and Wildlife enhancement, USFWS Regional Office 4, Mississippi Department of Wildlife Conservation	Research: Demographic Studies, Research: Habitat Status, Research: Population Surveys	Contract, Graduate Student, Internal Field Assistance, Internal Technical Assistance, Species Expert, Volunteer	

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